

Title (en)

Jacket materials and fiber optic cable design for duct application

Title (de)

Mantelmaterialien und Ausgestaltung eines faseroptischen Kabels zur Installation in Rohrleitungen

Title (fr)

Matériaux de revêtement et câble à fibres optiques optimisé pour l'installation dans des conduits

Publication

EP 1420278 A3 20041215 (EN)

Application

EP 03025609 A 20031106

Priority

- US 42639502 P 20021115
- US 42812803 A 20030502

Abstract (en)

[origin: EP1420278A2] A fiber optic cable utilizing fibers mixed within the jacket material. This design improves the properties of the jacket (2) by decreasing the jacket's shrinkage after aging; decreasing the jacket's coefficient of thermal expansion; and increasing the jacket's surface roughness. <IMAGE>

IPC 1-7

G02B 6/44

IPC 8 full level

G02B 6/44 (2006.01)

CPC (source: EP US)

G02B 6/4438 (2013.01 - EP US)

Citation (search report)

- [X] US 6324324 B1 20011127 - DIXON LISA A [US], et al
- [X] DE 29620962 U1 19970123 - ALSTHOM CGE ALCATEL [FR]
- [X] EP 0345968 A2 19891213 - ICI PLC [GB], et al
- [X] DE 10102256 A1 20020814 - WASKOENIG & WALTER KABEL WERK [DE]
- [X] US 4239335 A 19801216 - STILES KENNETH M [US]
- [E] EP 1369724 A2 20031210 - FITEL USA CORP [US]

Designated contracting state (EPC)

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